

modifying signal determined by the measurement of said chemical parameter; and

*P* means responsive to the escape interval modifying signal for adjusting the escape interval to provide pacing pulses on demand at a minimum rate correlated to the cardiac output requirements of the patient.

*4* ~~4~~. A demand heart pacemaker according to Claim ~~1~~ wherein said physiological parameter is molecular oxygen level in venous blood.

*5* ~~5~~. A demand heart pacemaker according to Claim ~~1~~ wherein said predetermined electrical event comprises an R-wave.

*6* ~~6~~. A demand heart pacemaker according to Claim ~~1~~ wherein said predetermined electrical event comprises a P-wave.--

REMARKS

In the Official Action, Claims 1, 2, 4 and 5 through 8 were all rejected under 35 USC 102b as anticipated by the Zacouto patent. As noted above, Claims 1-5 have been cancelled in their entirety.

Although Applicant has cancelled Claims 1, 2, 4 and 5, the rejection of these claims on the basis of 35 USC 102b is respectfully traversed. Because Claim 1 claims both a means for measuring a physiological parameter and means for monitoring electrical activity in said body tissue, it is Applicant's contention that this claim requires two

*end*